

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120222\
 Data File : PO090984.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2022 16:06
 Operator : YP/AJ
 Sample : N5834-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SAY1-SILICA-1201

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 21:45:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.297	3.476	75554629	10933607	22.346	10.417 #
2)	SA Decachlor...	10.045	8.477	47839508	17935605	18.011	18.474
Target Compounds							
3)	L1 AR-1016-1	5.484	4.554	1935027	5426295	17.195	147.246 #
4)	L1 AR-1016-2	5.509	4.554	1984254	5426295	12.205	105.305 #
5)	L1 AR-1016-3	5.576	4.782	722711	1722954	6.932	63.308 #
6)	L1 AR-1016-4	5.646	4.782	2060079	1722954	25.423	74.537 #
7)	L1 AR-1016-5	5.952	5.005	3012518	437722	34.352	14.840 #
8)	L2 AR-1221-1	4.482	3.685	23376052	20327743	572.202	1542.271 #
9)	L2 AR-1221-2	4.579	3.776	15244324	8068468	502.590	811.491 #
10)	L2 AR-1221-3	4.675	3.864	26113972	16091872	283.846	518.131 #
11)	L3 AR-1232-1	4.675	3.864	26113972	16091872	362.940	673.496 #
12)	L3 AR-1232-2	5.202	4.554	16993935	5426295	392.259	224.681 #
13)	L3 AR-1232-3	5.509	4.782	1984254	1722954	26.556	136.099 #
14)	L3 AR-1232-4	5.646	4.864	2060079	1210475	54.970	100.142 #
15)	L3 AR-1232-5	5.752	5.005	3361871	437722	112.424	32.364 #
16)	L4 AR-1242-1	5.484	4.554	1935027	5426295	21.679	186.878 #
17)	L4 AR-1242-2	5.509	4.554	1984254	5426295	15.628	134.614 #
18)	L4 AR-1242-3	5.576	4.782	722711	1722954	8.670	82.388 #
19)	L4 AR-1242-4	5.646	4.864	2060079	1210475	32.429	53.012 #
20)	L4 AR-1242-5	6.377	5.363	4966969	1704371	72.690	60.406
21)	L5 AR-1248-1	5.484	4.554	1935027	5426295	27.165	230.653 #
22)	L5 AR-1248-2	5.752	4.782	3361871	1722954	31.713	52.625 #
23)	L5 AR-1248-3	5.952	4.864	3012518	1210475	25.599	35.665 #
24)	L5 AR-1248-4	6.377	5.005	4966969	437722	40.617	10.970 #
25)	L5 AR-1248-5	6.377	5.387	4966969	2541547	43.305	70.904 #
26)	L6 AR-1254-1	6.342	5.363	858676	1704371	6.837	29.081 #
27)	L6 AR-1254-2	6.558	5.520	2557023	220671	13.561	4.135 #
28)	L6 AR-1254-3	6.922	5.913	3067900	420571	16.368	5.162 #
29)	L6 AR-1254-4	7.208	6.163	1244802	778436	9.011	15.910 #
30)	L6 AR-1254-5	7.632	6.567	1569228	883262	10.228	11.849
31)	L7 AR-1260-1	7.088	6.041	743174	254601	4.844	4.397
32)	L7 AR-1260-2	7.348	6.221	1279178	565446	7.329	8.281
33)	L7 AR-1260-3	7.708	6.384	237912	1523648	2.093	23.229 #
34)	L7 AR-1260-4	7.922	6.902	1041583	269017	7.686	5.633 #
35)	L7 AR-1260-5	8.252	7.109	785091	283953	3.091	2.612
36)	L8 AR-1262-1	7.708	6.567f	237912	883262	1.302	11.751 #
37)	L8 AR-1262-2	8.252	7.109	785091	283953	2.538	2.231
38)	L8 AR-1262-3	8.575	7.453f	851163	245766	3.948	4.664
39)	L8 AR-1262-4	0.000	7.453	0	245766	N.D.	2.588 #
41)	L9 AR-1268-1	8.575	7.453f	851163	245766	2.311	1.648 #
42)	L9 AR-1268-2	0.000	7.453	0	245766	N.D.	1.829 #

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 21:45:40 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	8.233	0	115836	N.D.	0.342 #

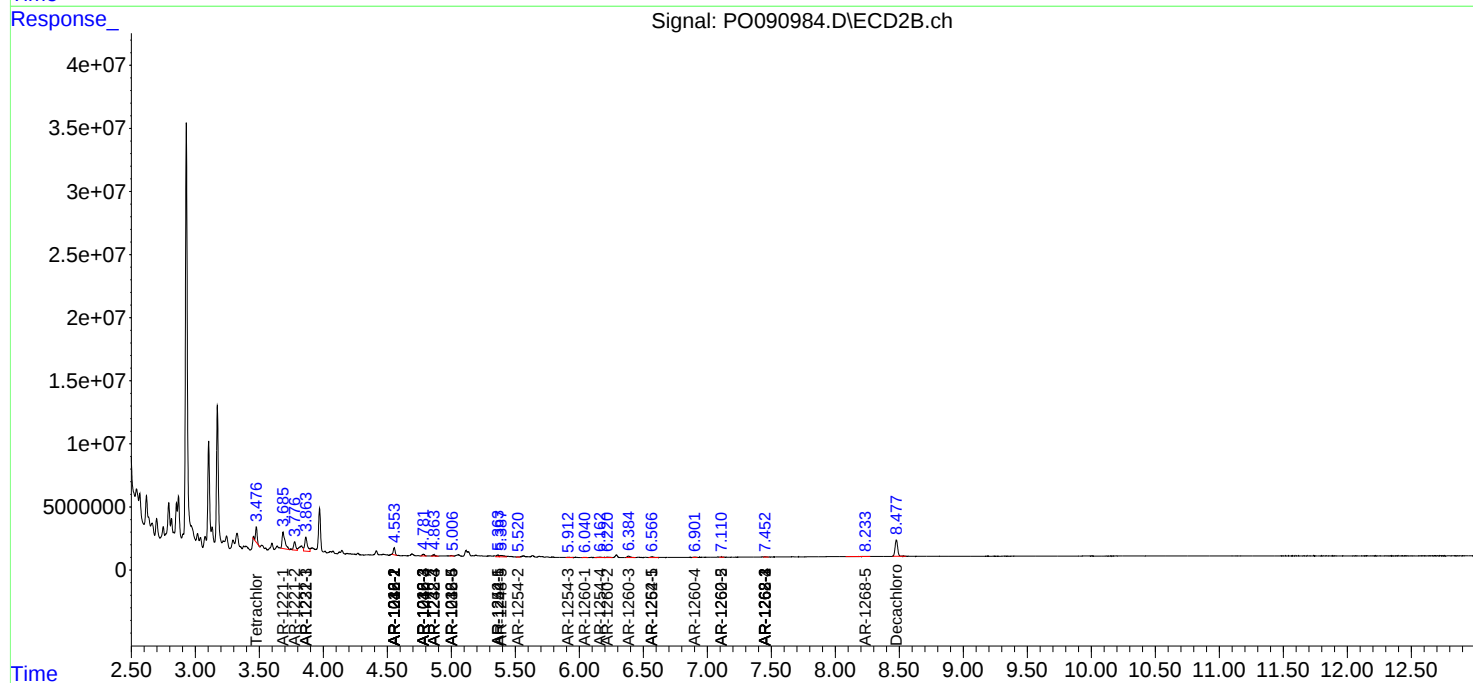
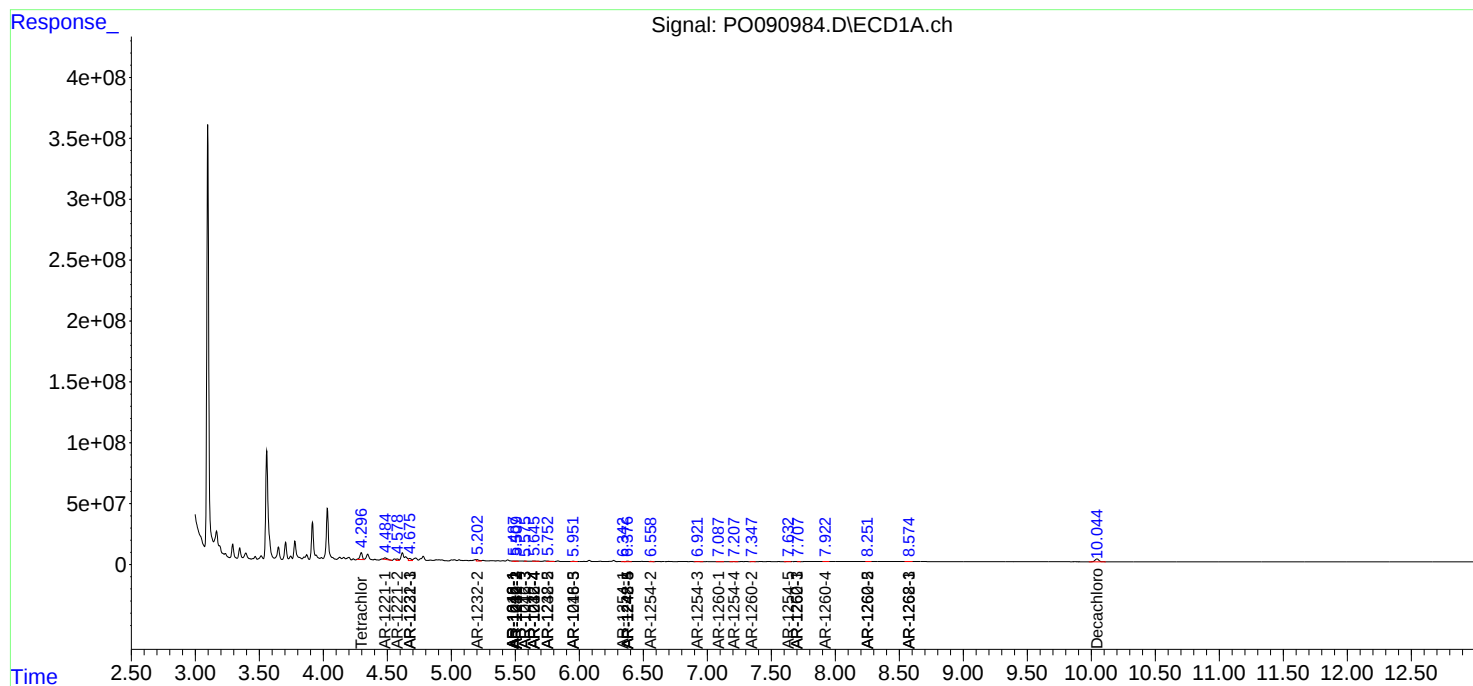
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

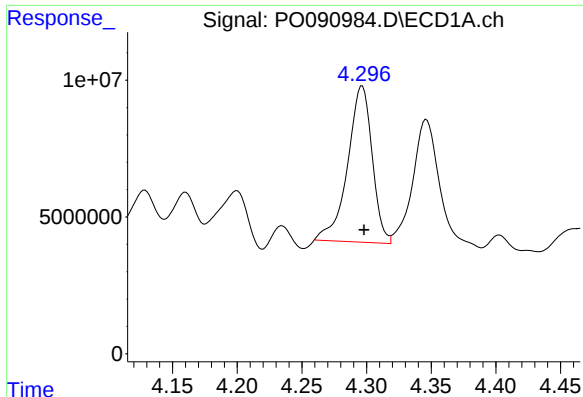
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120222\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

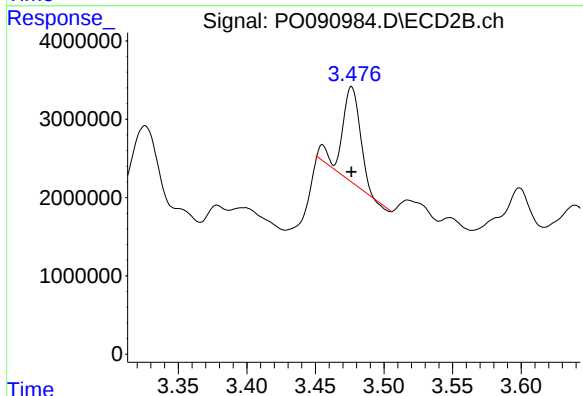




#1 Tetrachloro-m-xylene

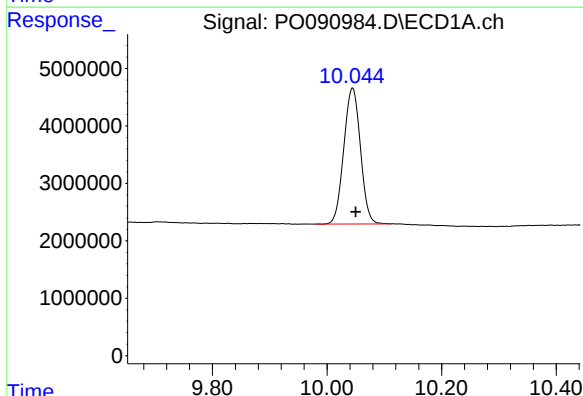
R.T.: 4.297 min
Delta R.T.: -0.001 min
Response: 75554629
Conc: 22.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



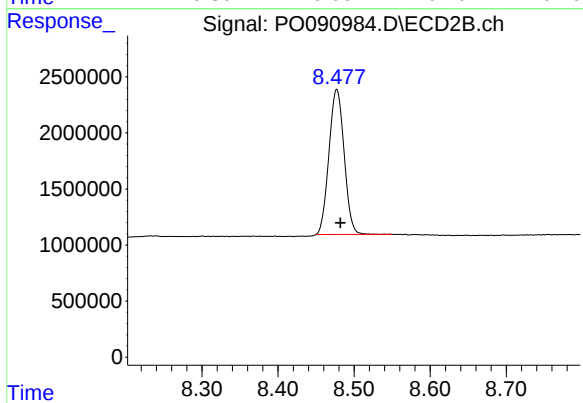
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 10933607
Conc: 10.42 ng/ml



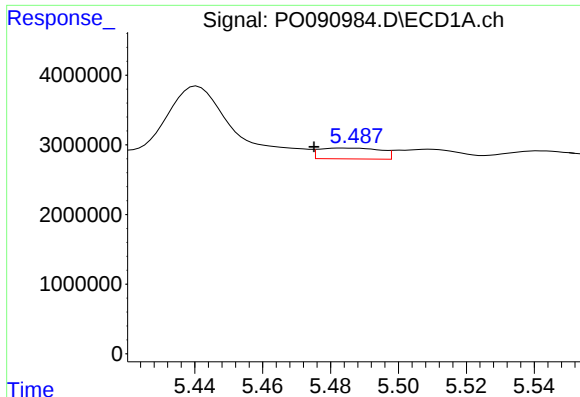
#2 Decachlorobiphenyl

R.T.: 10.045 min
Delta R.T.: -0.005 min
Response: 47839508
Conc: 18.01 ng/ml



#2 Decachlorobiphenyl

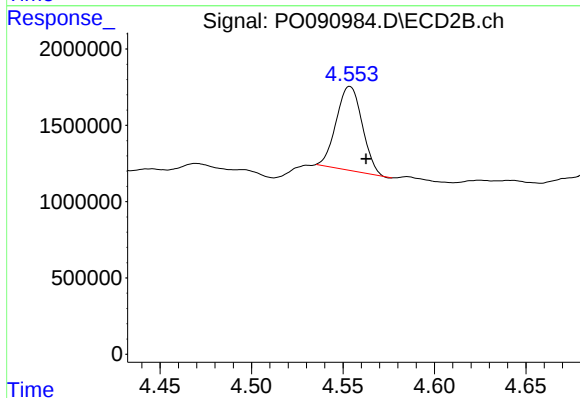
R.T.: 8.477 min
Delta R.T.: -0.005 min
Response: 17935605
Conc: 18.47 ng/ml



#3 AR-1016-1

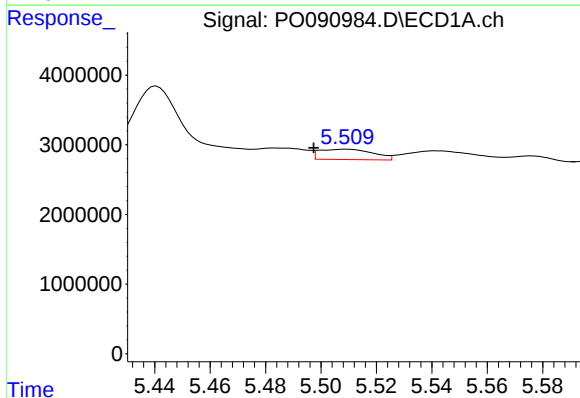
R.T.: 5.484 min
Delta R.T.: 0.009 min
Response: 1935027
Conc: 17.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



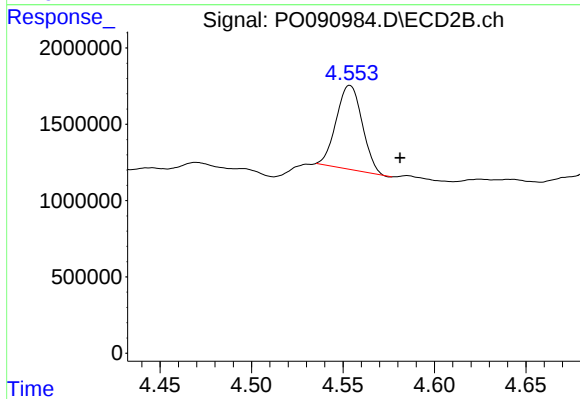
#3 AR-1016-1

R.T.: 4.554 min
Delta R.T.: -0.009 min
Response: 5426295
Conc: 147.25 ng/ml



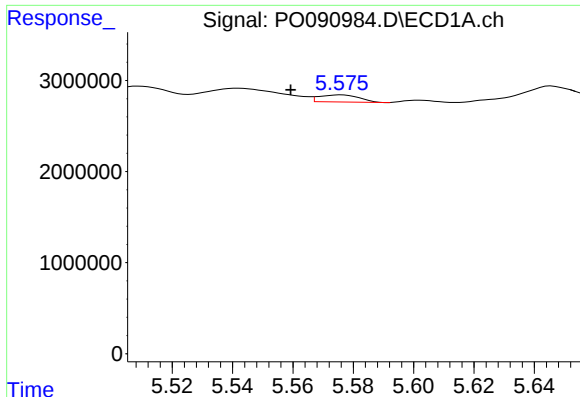
#4 AR-1016-2

R.T.: 5.509 min
Delta R.T.: 0.012 min
Response: 1984254
Conc: 12.20 ng/ml



#4 AR-1016-2

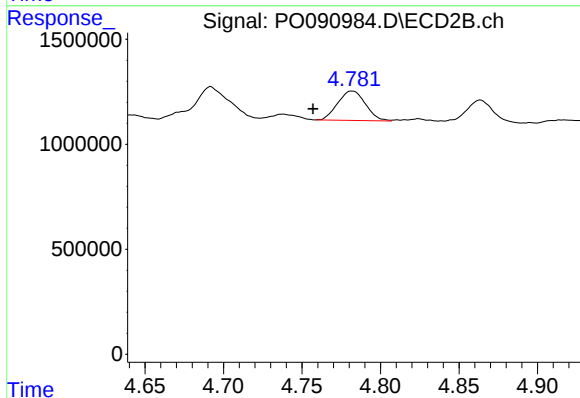
R.T.: 4.554 min
Delta R.T.: -0.027 min
Response: 5426295
Conc: 105.31 ng/ml



#5 AR-1016-3

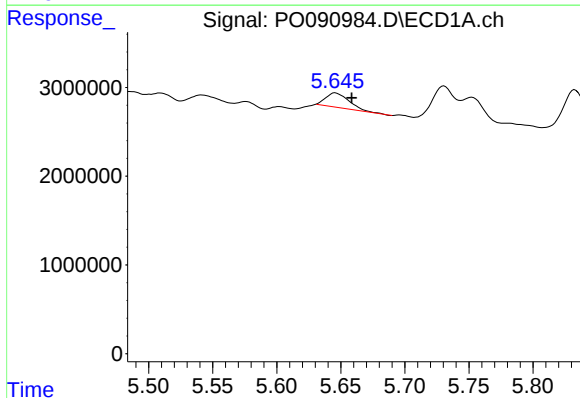
R.T.: 5.576 min
Delta R.T.: 0.017 min
Response: 722711
Conc: 6.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



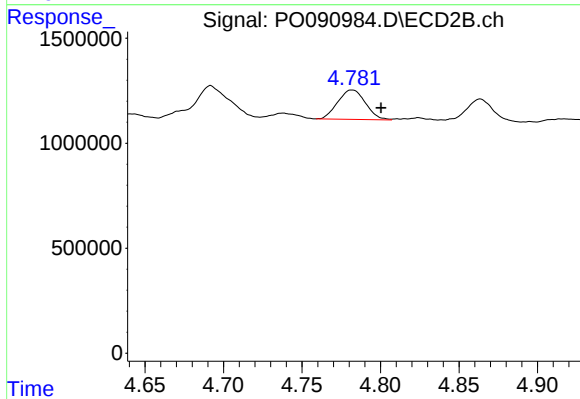
#5 AR-1016-3

R.T.: 4.782 min
Delta R.T.: 0.025 min
Response: 1722954
Conc: 63.31 ng/ml



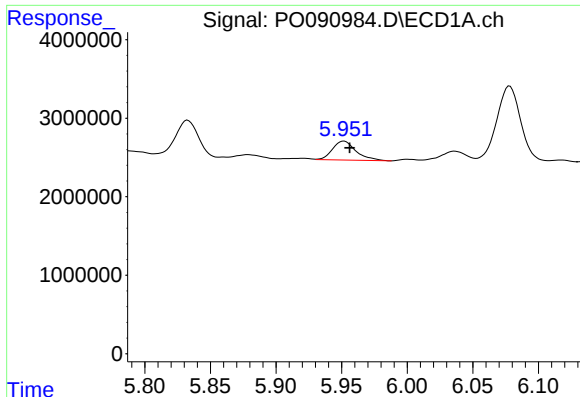
#6 AR-1016-4

R.T.: 5.646 min
Delta R.T.: -0.013 min
Response: 2060079
Conc: 25.42 ng/ml



#6 AR-1016-4

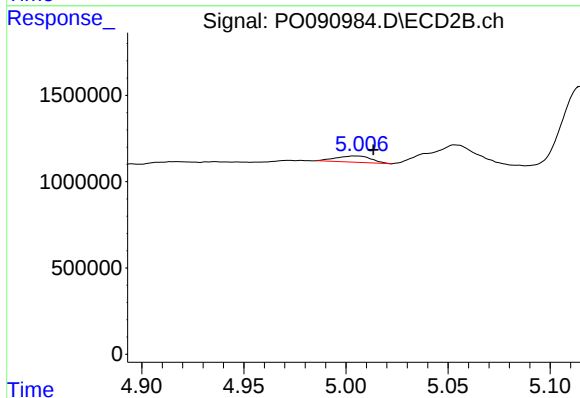
R.T.: 4.782 min
Delta R.T.: -0.018 min
Response: 1722954
Conc: 74.54 ng/ml



#7 AR-1016-5

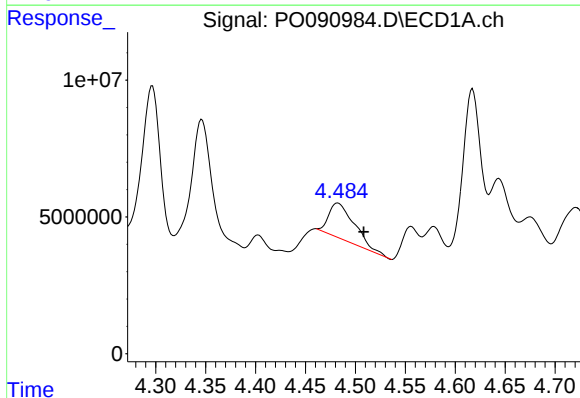
R.T.: 5.952 min
Delta R.T.: -0.004 min
Response: 3012518
Conc: 34.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



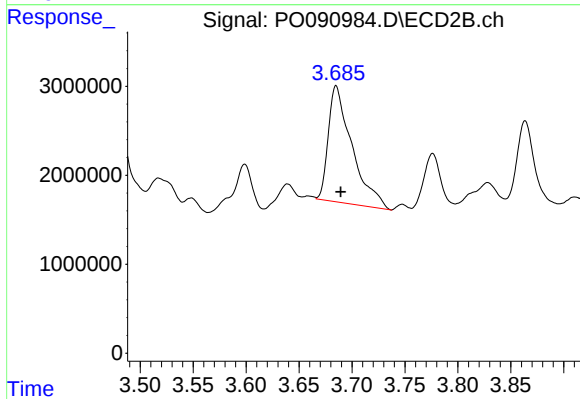
#7 AR-1016-5

R.T.: 5.005 min
Delta R.T.: -0.009 min
Response: 437722
Conc: 14.84 ng/ml



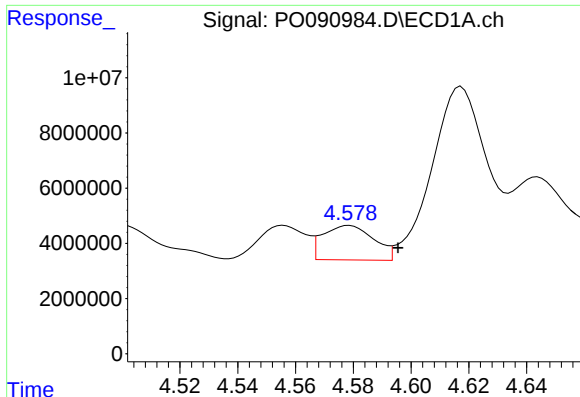
#8 AR-1221-1

R.T.: 4.482 min
Delta R.T.: -0.026 min
Response: 23376052
Conc: 572.20 ng/ml



#8 AR-1221-1

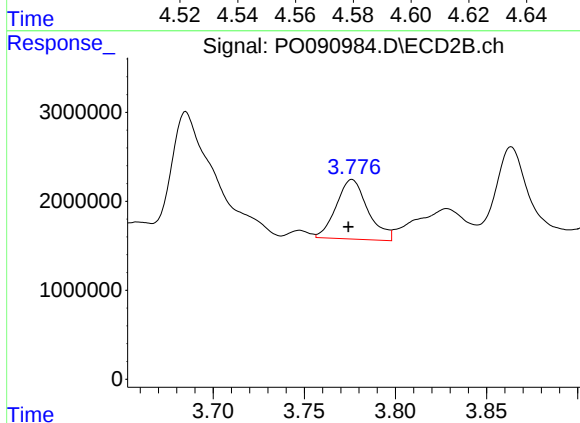
R.T.: 3.685 min
Delta R.T.: -0.004 min
Response: 20327743
Conc: 1542.27 ng/ml



#9 AR-1221-2

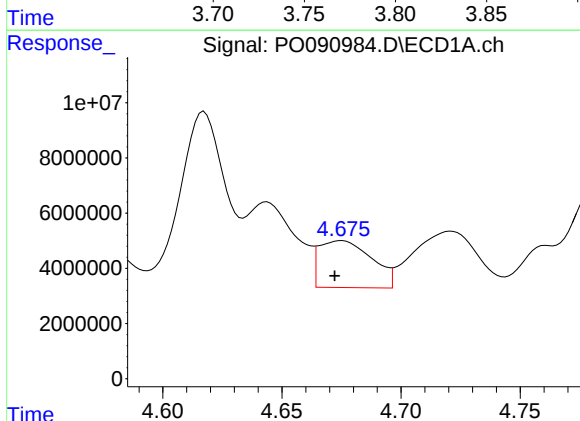
R.T.: 4.579 min
Delta R.T.: -0.017 min
Response: 15244324
Conc: 502.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



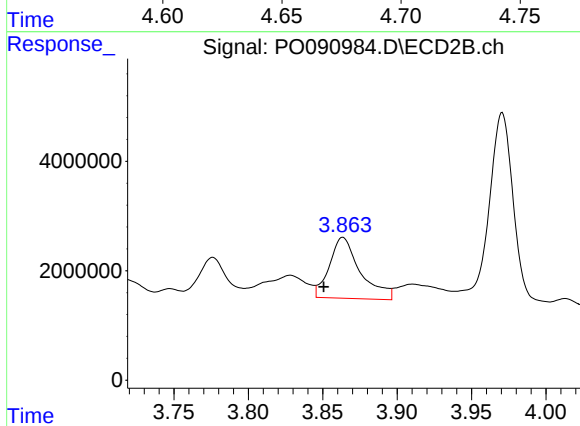
#9 AR-1221-2

R.T.: 3.776 min
Delta R.T.: 0.002 min
Response: 8068468
Conc: 811.49 ng/ml



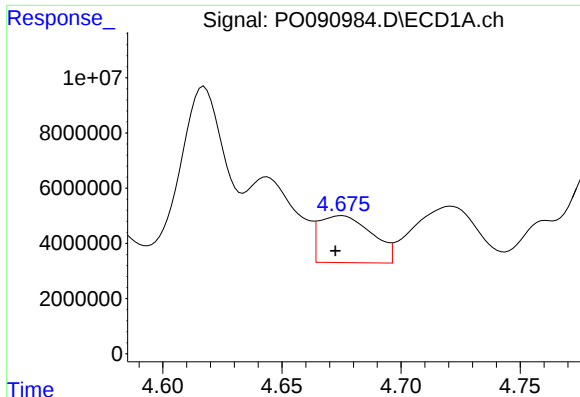
#10 AR-1221-3

R.T.: 4.675 min
Delta R.T.: 0.003 min
Response: 26113972
Conc: 283.85 ng/ml



#10 AR-1221-3

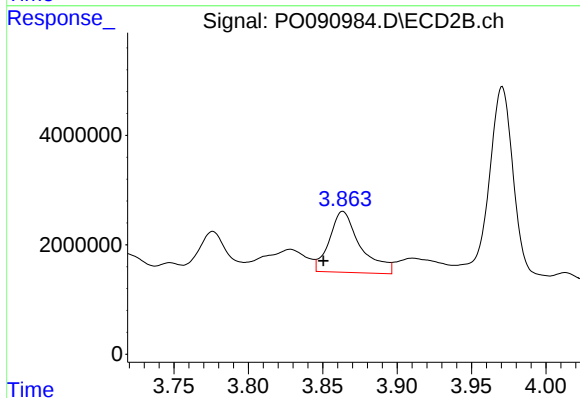
R.T.: 3.864 min
Delta R.T.: 0.013 min
Response: 16091872
Conc: 518.13 ng/ml



#11 AR-1232-1

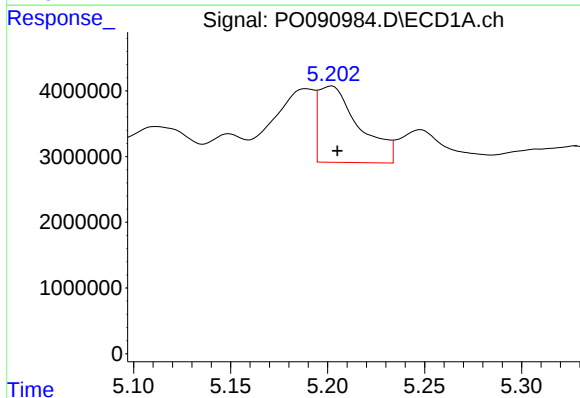
R.T.: 4.675 min
Delta R.T.: 0.003 min
Response: 26113972
Conc: 362.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



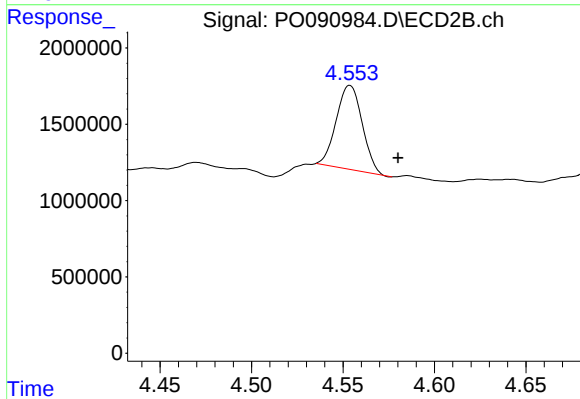
#11 AR-1232-1

R.T.: 3.864 min
Delta R.T.: 0.013 min
Response: 16091872
Conc: 673.50 ng/ml



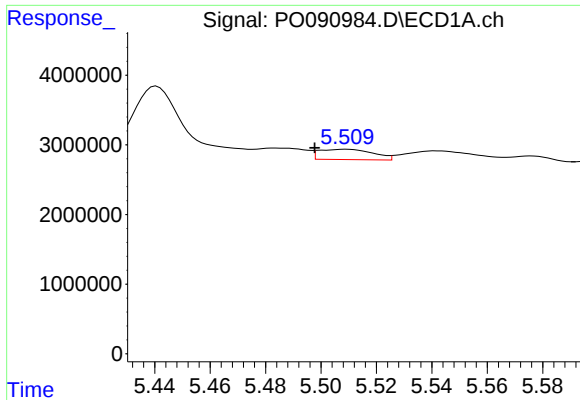
#12 AR-1232-2

R.T.: 5.202 min
Delta R.T.: -0.003 min
Response: 16993935
Conc: 392.26 ng/ml



#12 AR-1232-2

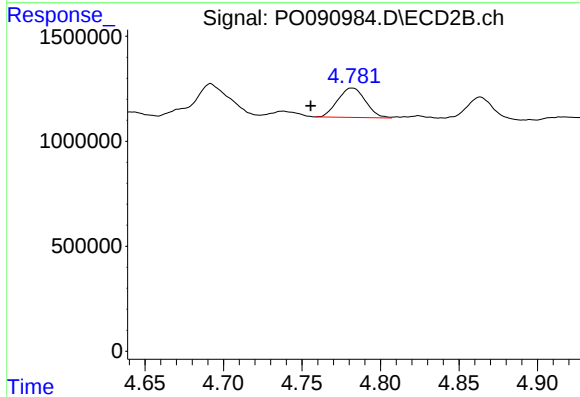
R.T.: 4.554 min
Delta R.T.: -0.026 min
Response: 5426295
Conc: 224.68 ng/ml



#13 AR-1232-3

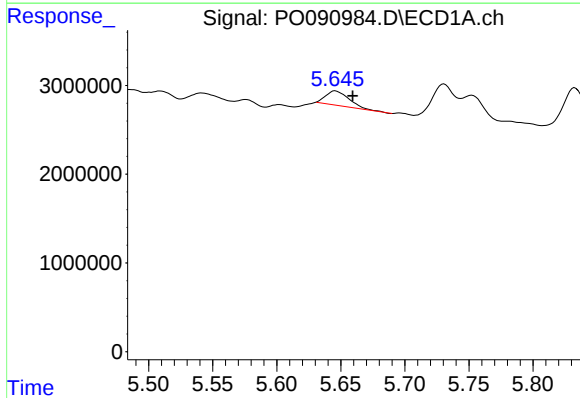
R.T.: 5.509 min
Delta R.T.: 0.011 min
Response: 1984254
Conc: 26.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
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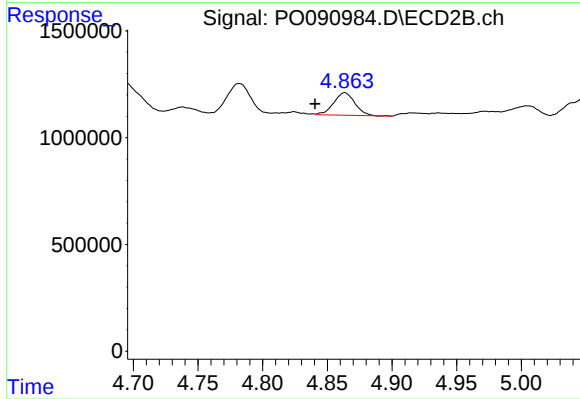
#13 AR-1232-3

R.T.: 4.782 min
Delta R.T.: 0.026 min
Response: 1722954
Conc: 136.10 ng/ml



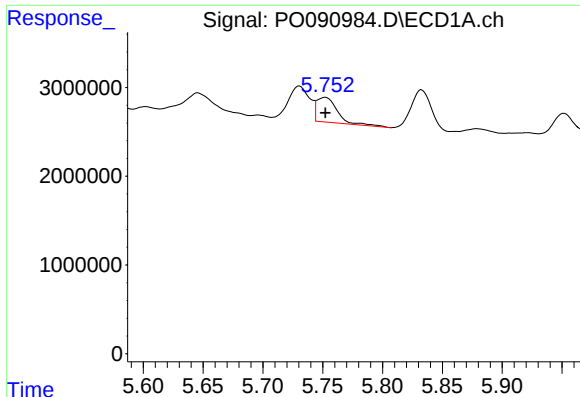
#14 AR-1232-4

R.T.: 5.646 min
Delta R.T.: -0.014 min
Response: 2060079
Conc: 54.97 ng/ml



#14 AR-1232-4

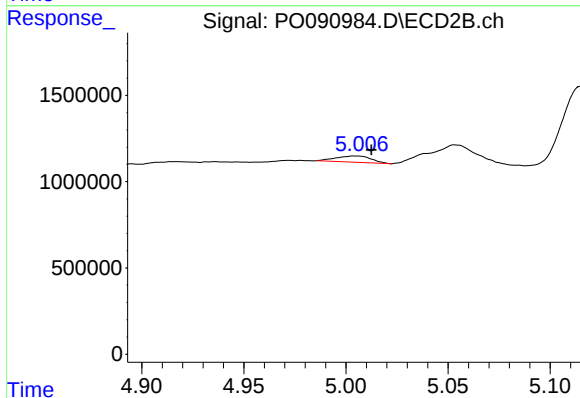
R.T.: 4.864 min
Delta R.T.: 0.023 min
Response: 1210475
Conc: 100.14 ng/ml



#15 AR-1232-5

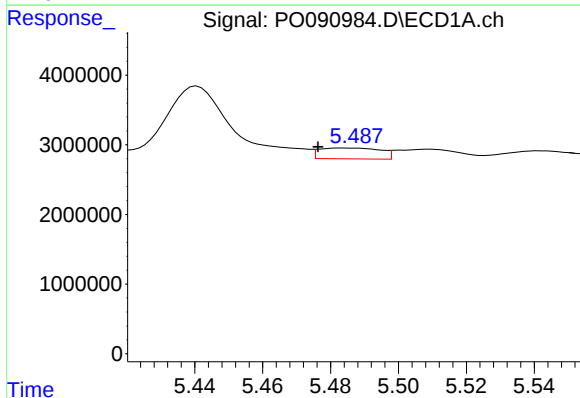
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 3361871
Conc: 112.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
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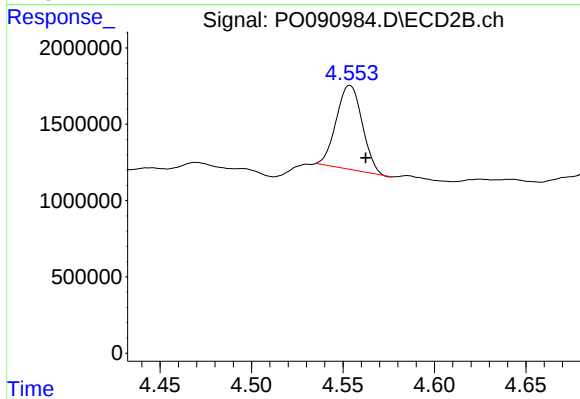
#15 AR-1232-5

R.T.: 5.005 min
Delta R.T.: -0.008 min
Response: 437722
Conc: 32.36 ng/ml



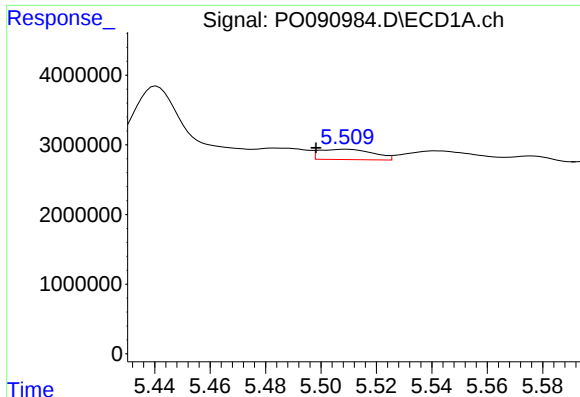
#16 AR-1242-1

R.T.: 5.484 min
Delta R.T.: 0.008 min
Response: 1935027
Conc: 21.68 ng/ml



#16 AR-1242-1

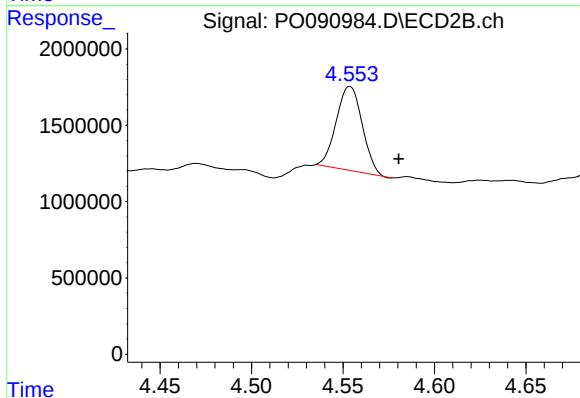
R.T.: 4.554 min
Delta R.T.: -0.009 min
Response: 5426295
Conc: 186.88 ng/ml



#17 AR-1242-2

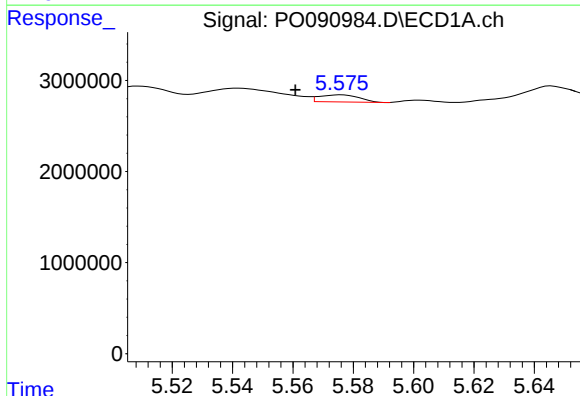
R.T.: 5.509 min
Delta R.T.: 0.011 min
Response: 1984254
Conc: 15.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



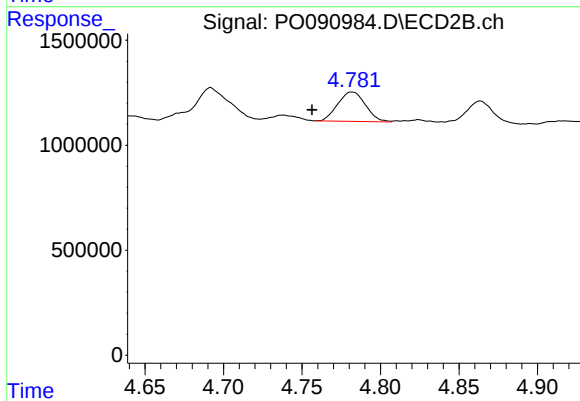
#17 AR-1242-2

R.T.: 4.554 min
Delta R.T.: -0.027 min
Response: 5426295
Conc: 134.61 ng/ml



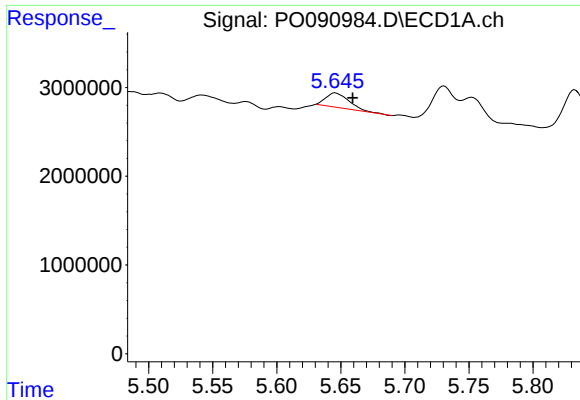
#18 AR-1242-3

R.T.: 5.576 min
Delta R.T.: 0.015 min
Response: 722711
Conc: 8.67 ng/ml



#18 AR-1242-3

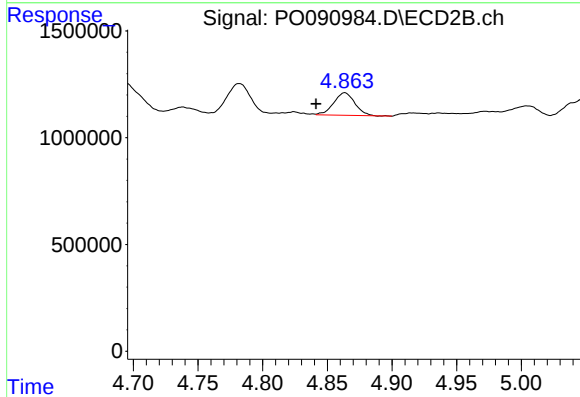
R.T.: 4.782 min
Delta R.T.: 0.026 min
Response: 1722954
Conc: 82.39 ng/ml



#19 AR-1242-4

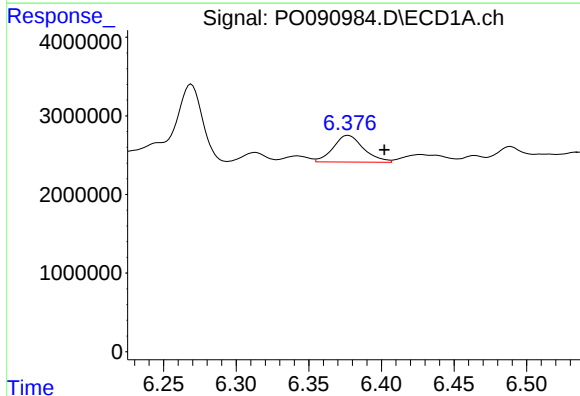
R.T.: 5.646 min
Delta R.T.: -0.014 min
Response: 2060079
Conc: 32.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



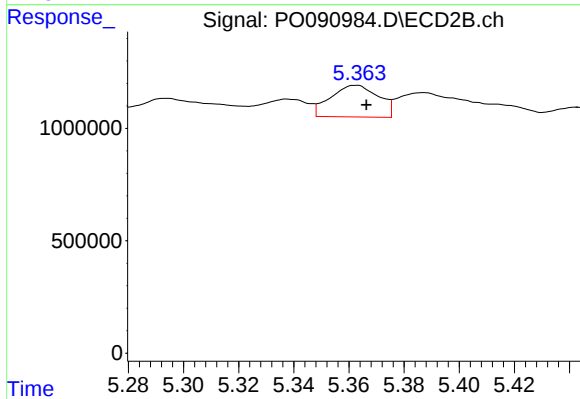
#19 AR-1242-4

R.T.: 4.864 min
Delta R.T.: 0.022 min
Response: 1210475
Conc: 53.01 ng/ml



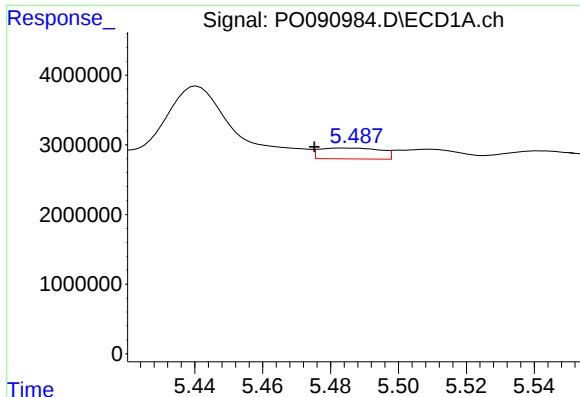
#20 AR-1242-5

R.T.: 6.377 min
Delta R.T.: -0.025 min
Response: 4966969
Conc: 72.69 ng/ml



#20 AR-1242-5

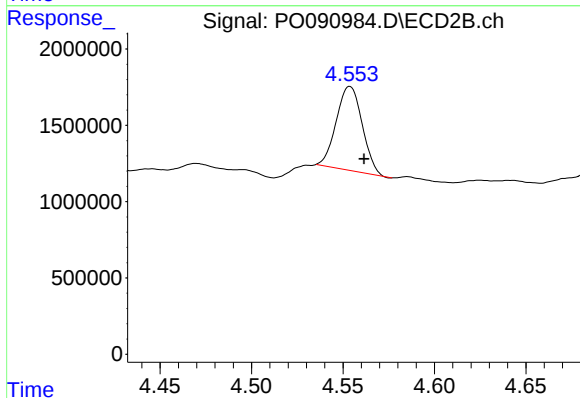
R.T.: 5.363 min
Delta R.T.: -0.004 min
Response: 1704371
Conc: 60.41 ng/ml



#21 AR-1248-1

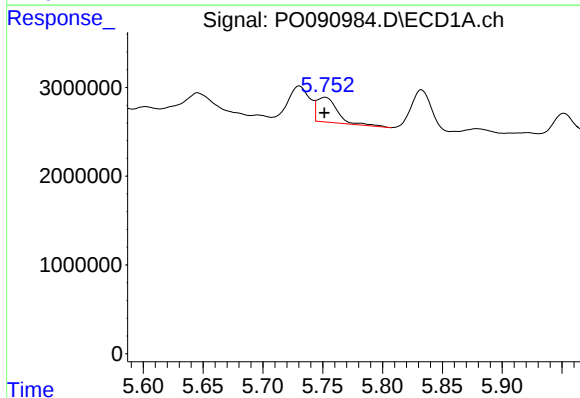
R.T.: 5.484 min
Delta R.T.: 0.009 min
Response: 1935027
Conc: 27.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



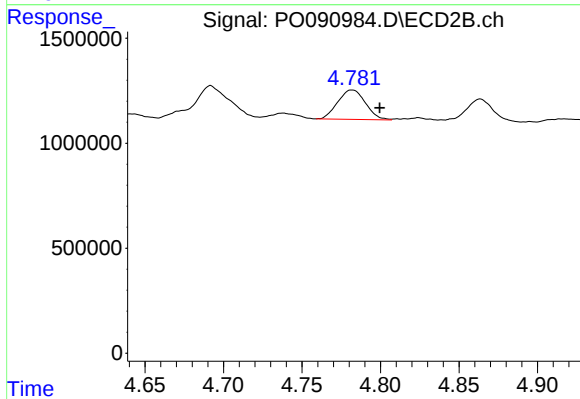
#21 AR-1248-1

R.T.: 4.554 min
Delta R.T.: -0.008 min
Response: 5426295
Conc: 230.65 ng/ml



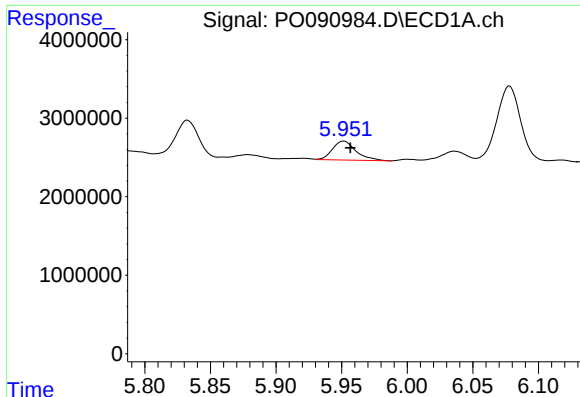
#22 AR-1248-2

R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 3361871
Conc: 31.71 ng/ml



#22 AR-1248-2

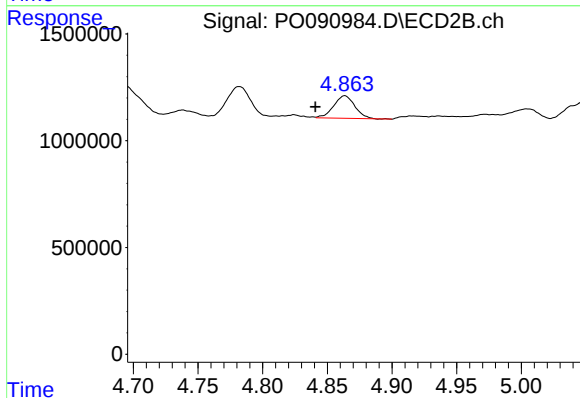
R.T.: 4.782 min
Delta R.T.: -0.018 min
Response: 1722954
Conc: 52.63 ng/ml



#23 AR-1248-3

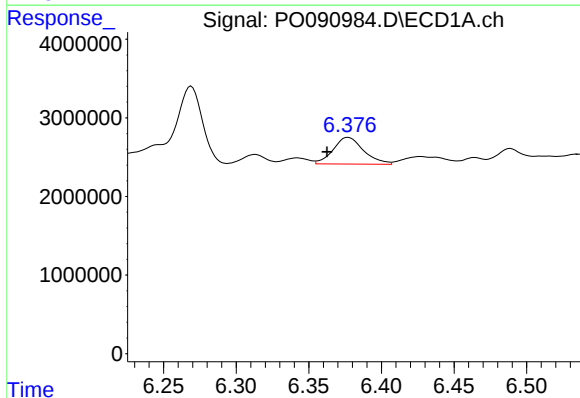
R.T.: 5.952 min
Delta R.T.: -0.005 min
Response: 3012518
Conc: 25.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



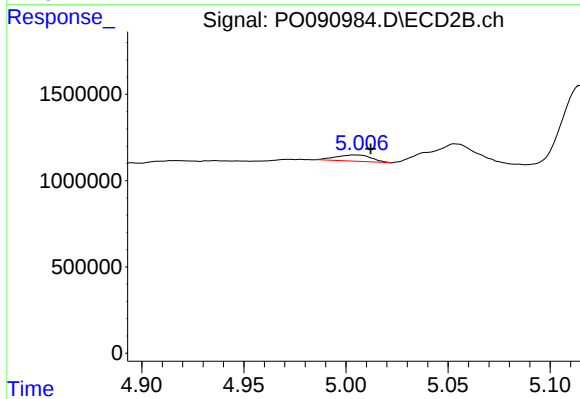
#23 AR-1248-3

R.T.: 4.864 min
Delta R.T.: 0.023 min
Response: 1210475
Conc: 35.67 ng/ml



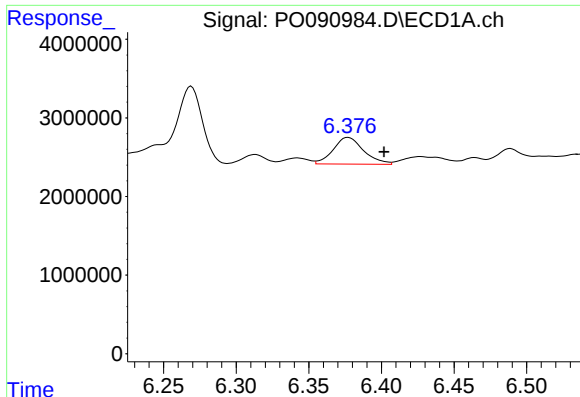
#24 AR-1248-4

R.T.: 6.377 min
Delta R.T.: 0.015 min
Response: 4966969
Conc: 40.62 ng/ml



#24 AR-1248-4

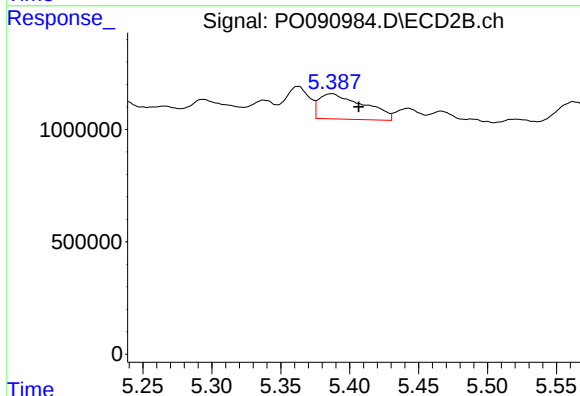
R.T.: 5.005 min
Delta R.T.: -0.007 min
Response: 437722
Conc: 10.97 ng/ml



#25 AR-1248-5

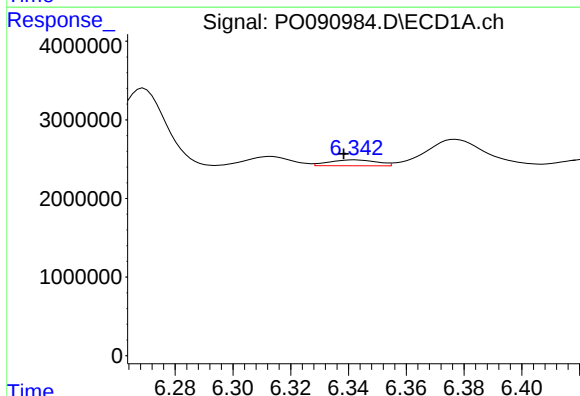
R.T.: 6.377 min
Delta R.T.: -0.025 min
Response: 4966969
Conc: 43.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



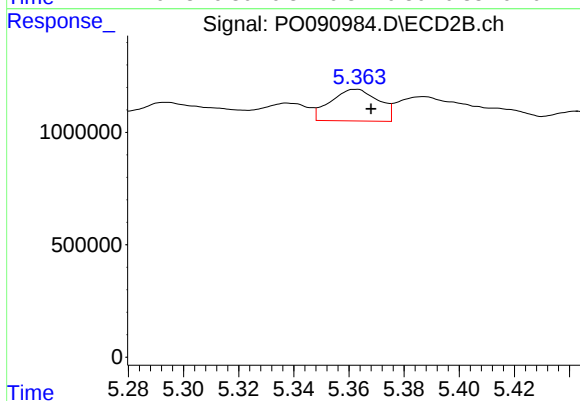
#25 AR-1248-5

R.T.: 5.387 min
Delta R.T.: -0.020 min
Response: 2541547
Conc: 70.90 ng/ml



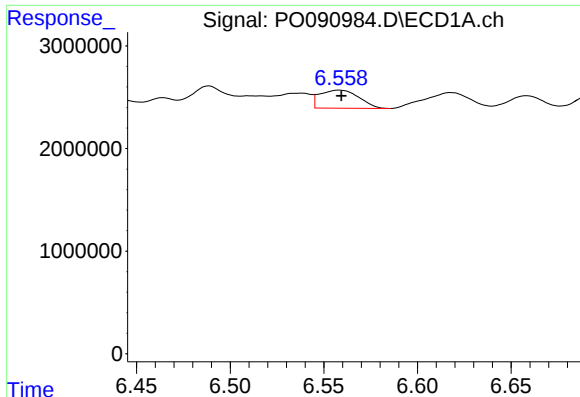
#26 AR-1254-1

R.T.: 6.342 min
Delta R.T.: 0.004 min
Response: 858676
Conc: 6.84 ng/ml



#26 AR-1254-1

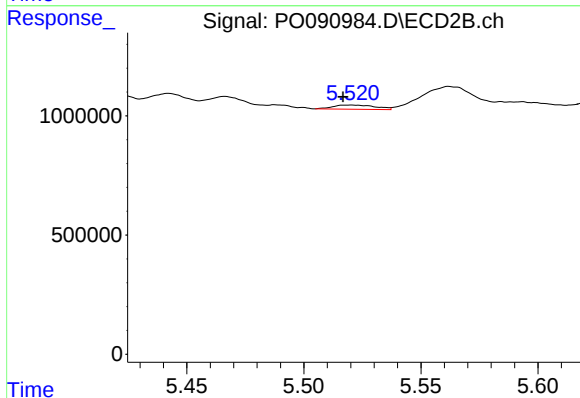
R.T.: 5.363 min
Delta R.T.: -0.005 min
Response: 1704371
Conc: 29.08 ng/ml



#27 AR-1254-2

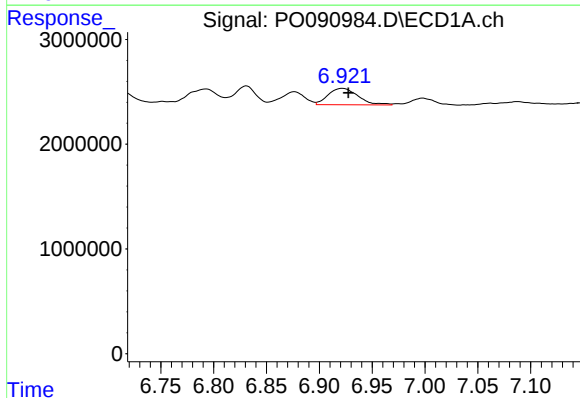
R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 2557023
Conc: 13.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



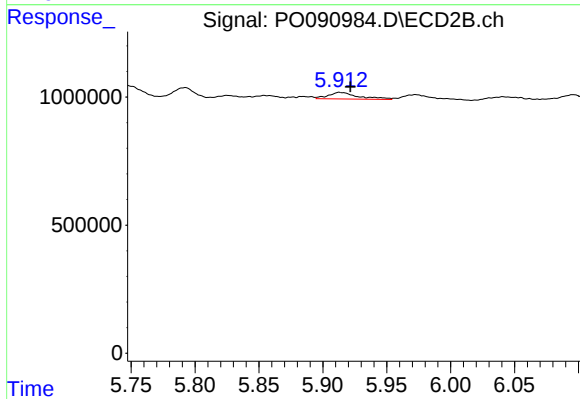
#27 AR-1254-2

R.T.: 5.520 min
Delta R.T.: 0.004 min
Response: 220671
Conc: 4.13 ng/ml



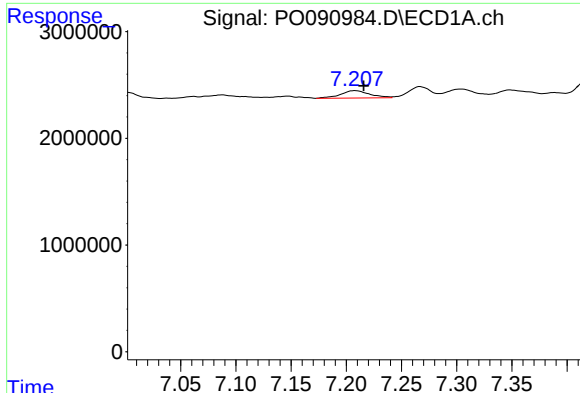
#28 AR-1254-3

R.T.: 6.922 min
Delta R.T.: -0.005 min
Response: 3067900
Conc: 16.37 ng/ml



#28 AR-1254-3

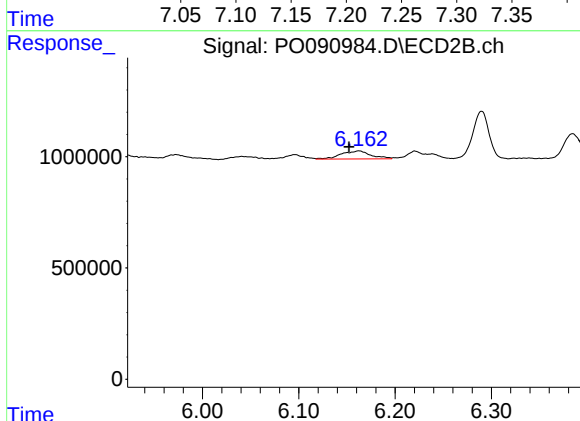
R.T.: 5.913 min
Delta R.T.: -0.008 min
Response: 420571
Conc: 5.16 ng/ml



#29 AR-1254-4

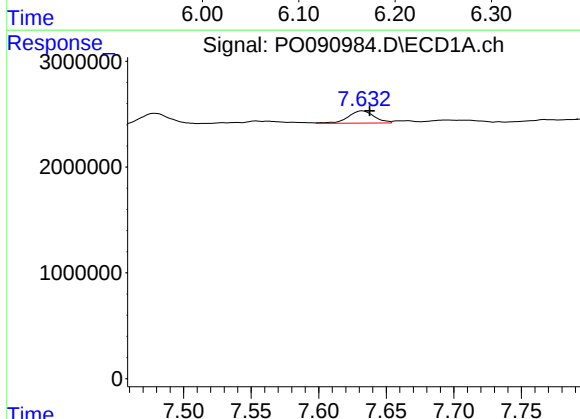
R.T.: 7.208 min
Delta R.T.: -0.008 min
Response: 1244802
Conc: 9.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



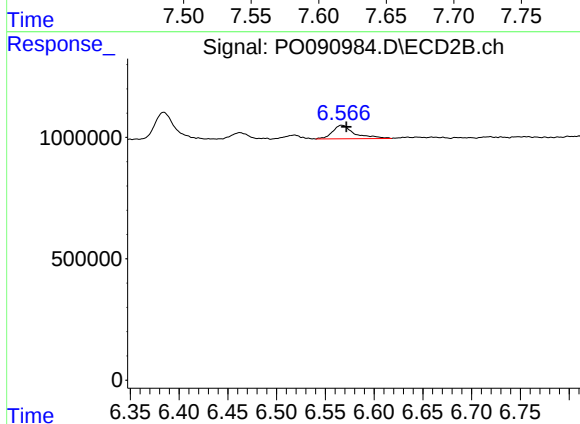
#29 AR-1254-4

R.T.: 6.163 min
Delta R.T.: 0.010 min
Response: 778436
Conc: 15.91 ng/ml



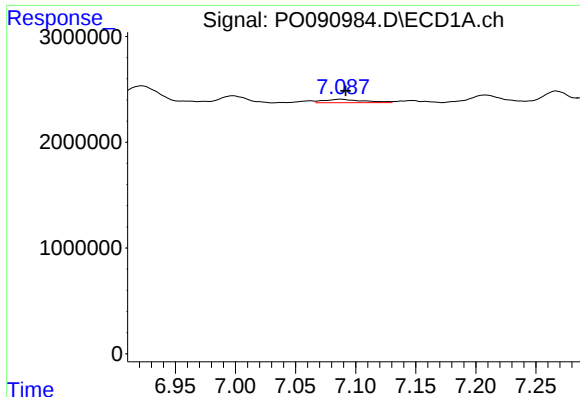
#30 AR-1254-5

R.T.: 7.632 min
Delta R.T.: -0.006 min
Response: 1569228
Conc: 10.23 ng/ml



#30 AR-1254-5

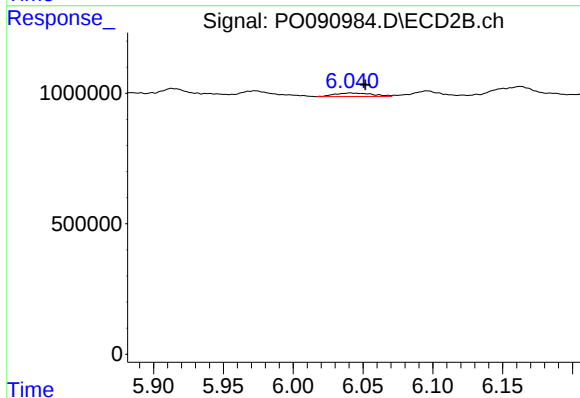
R.T.: 6.567 min
Delta R.T.: -0.005 min
Response: 883262
Conc: 11.85 ng/ml



#31 AR-1260-1

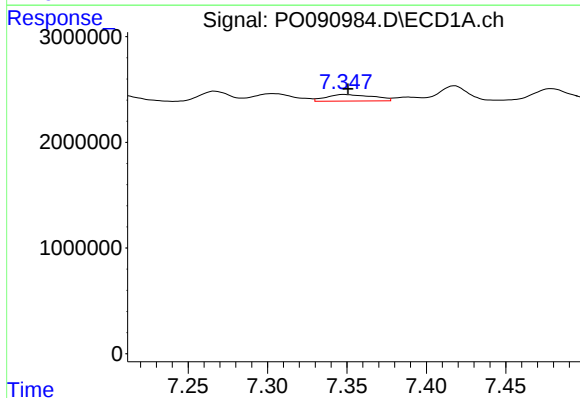
R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 743174
Conc: 4.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



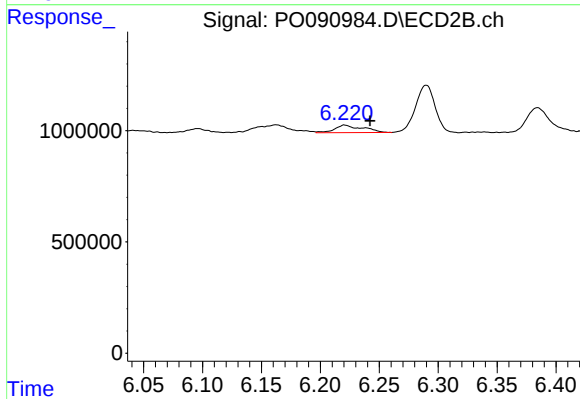
#31 AR-1260-1

R.T.: 6.041 min
Delta R.T.: -0.011 min
Response: 254601
Conc: 4.40 ng/ml



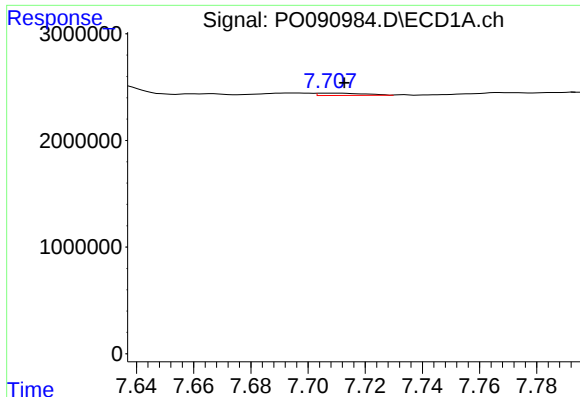
#32 AR-1260-2

R.T.: 7.348 min
Delta R.T.: -0.002 min
Response: 1279178
Conc: 7.33 ng/ml



#32 AR-1260-2

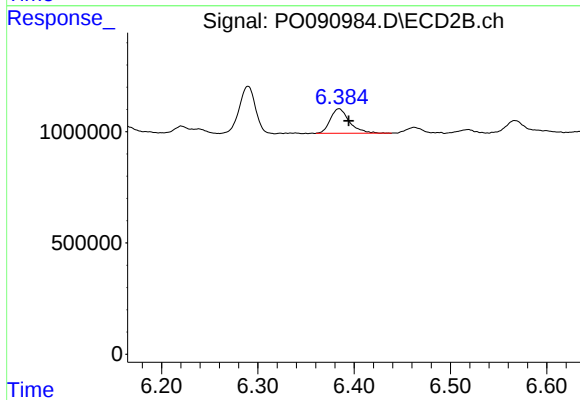
R.T.: 6.221 min
Delta R.T.: -0.022 min
Response: 565446
Conc: 8.28 ng/ml



#33 AR-1260-3

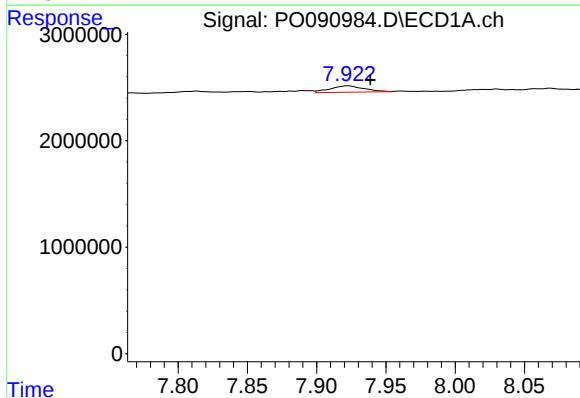
R.T.: 7.708 min
Delta R.T.: -0.005 min
Response: 237912
Conc: 2.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



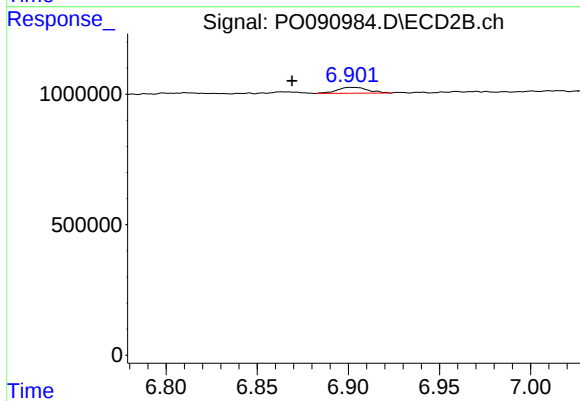
#33 AR-1260-3

R.T.: 6.384 min
Delta R.T.: -0.010 min
Response: 1523648
Conc: 23.23 ng/ml



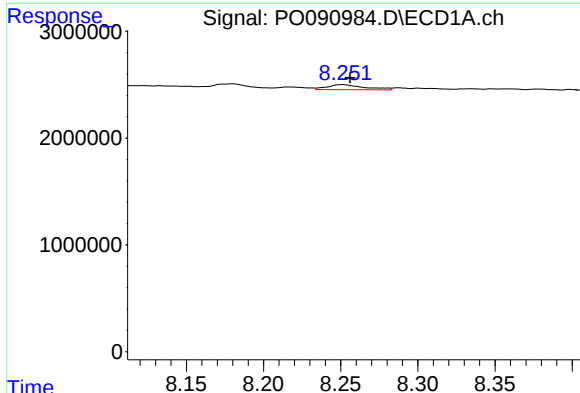
#34 AR-1260-4

R.T.: 7.922 min
Delta R.T.: -0.016 min
Response: 1041583
Conc: 7.69 ng/ml



#34 AR-1260-4

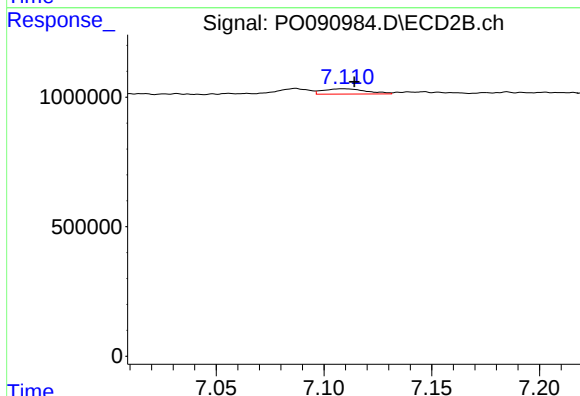
R.T.: 6.902 min
Delta R.T.: 0.033 min
Response: 269017
Conc: 5.63 ng/ml



#35 AR-1260-5

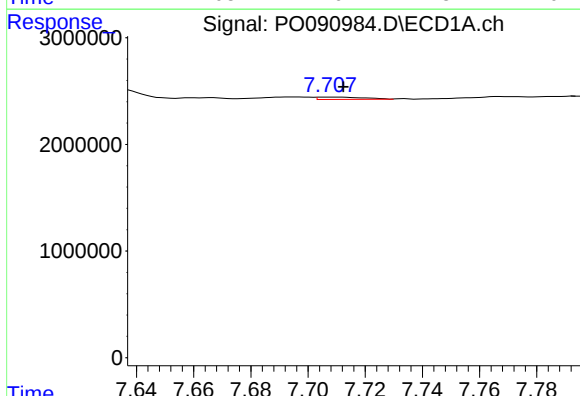
R.T.: 8.252 min
Delta R.T.: -0.004 min
Response: 785091
Conc: 3.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



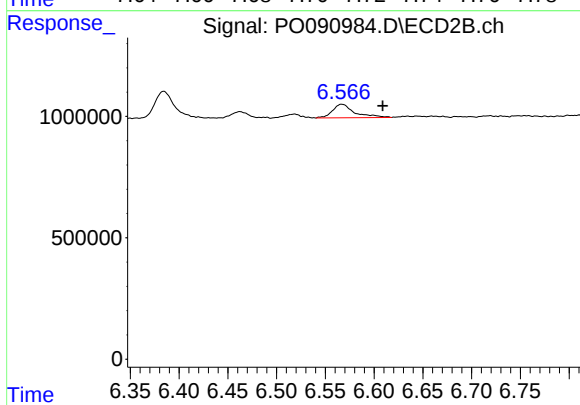
#35 AR-1260-5

R.T.: 7.109 min
Delta R.T.: -0.005 min
Response: 283953
Conc: 2.61 ng/ml



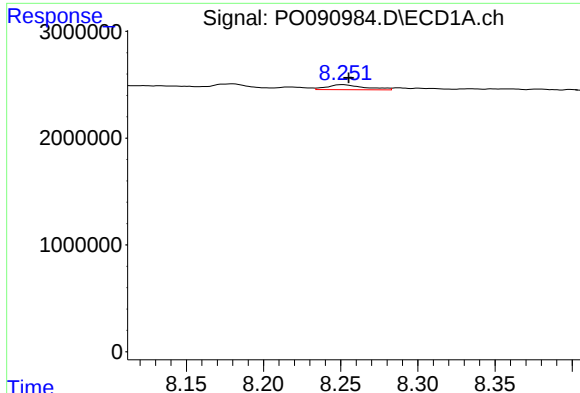
#36 AR-1262-1

R.T.: 7.708 min
Delta R.T.: -0.005 min
Response: 237912
Conc: 1.30 ng/ml



#36 AR-1262-1

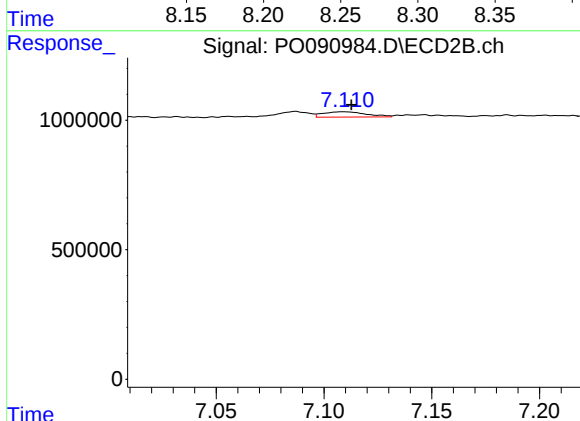
R.T.: 6.567 min
Delta R.T.: -0.042 min
Response: 883262
Conc: 11.75 ng/ml



#37 AR-1262-2

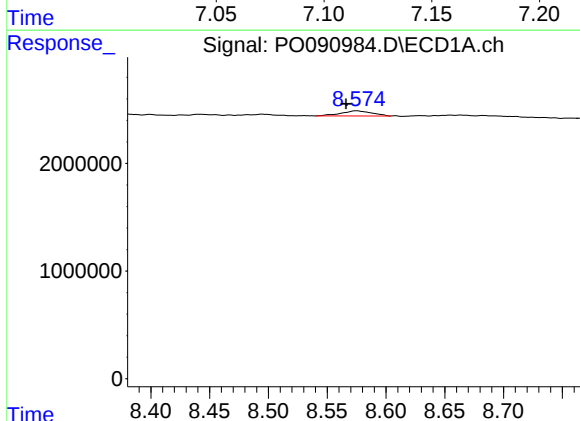
R.T.: 8.252 min
Delta R.T.: -0.004 min
Response: 785091
Conc: 2.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



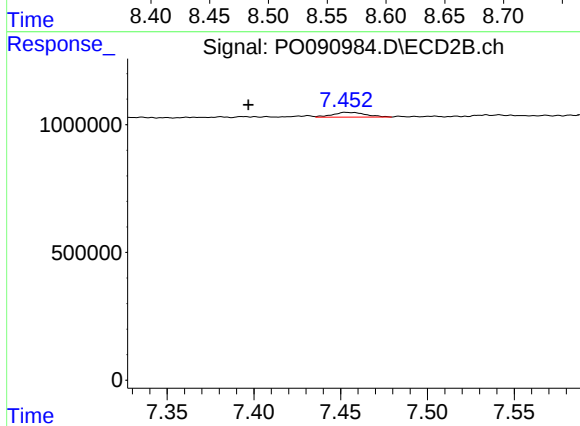
#37 AR-1262-2

R.T.: 7.109 min
Delta R.T.: -0.004 min
Response: 283953
Conc: 2.23 ng/ml



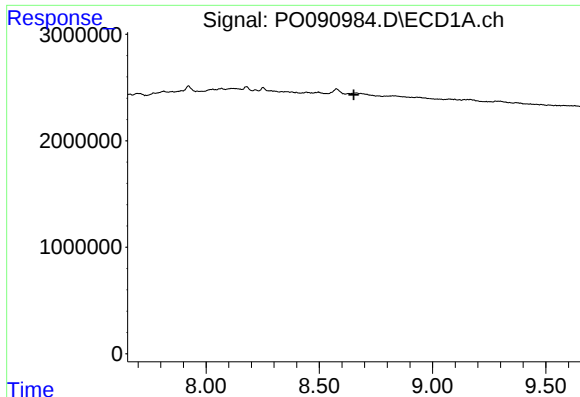
#38 AR-1262-3

R.T.: 8.575 min
Delta R.T.: 0.009 min
Response: 851163
Conc: 3.95 ng/ml



#38 AR-1262-3

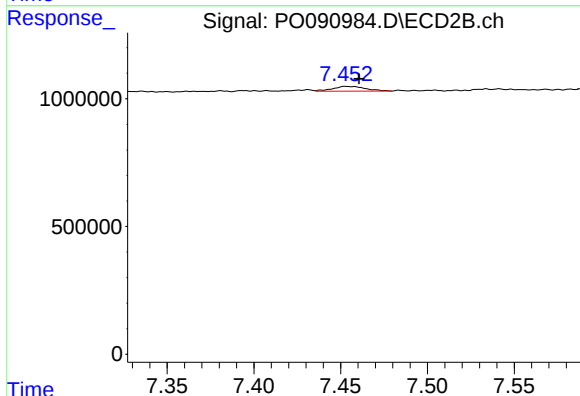
R.T.: 7.453 min
Delta R.T.: 0.056 min
Response: 245766
Conc: 4.66 ng/ml



#39 AR-1262-4

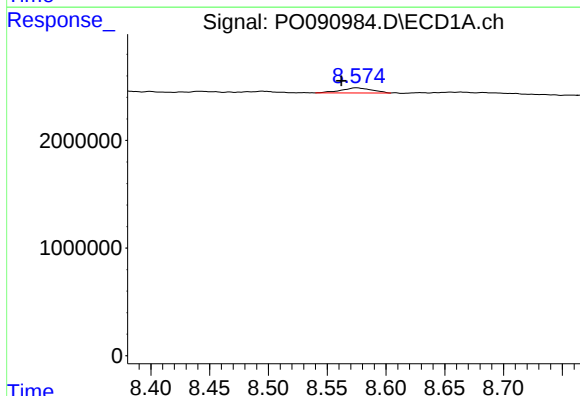
R.T.: 0.000 min
Exp R.T.: 8.652 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



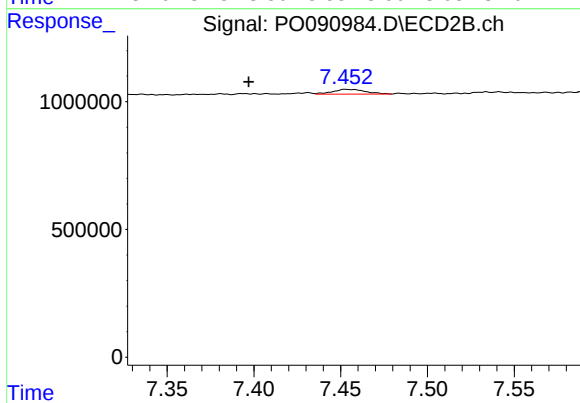
#39 AR-1262-4

R.T.: 7.453 min
Delta R.T.: -0.008 min
Response: 245766
Conc: 2.59 ng/ml



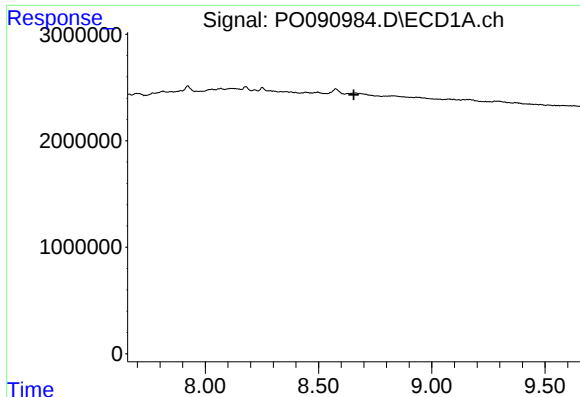
#41 AR-1268-1

R.T.: 8.575 min
Delta R.T.: 0.013 min
Response: 851163
Conc: 2.31 ng/ml



#41 AR-1268-1

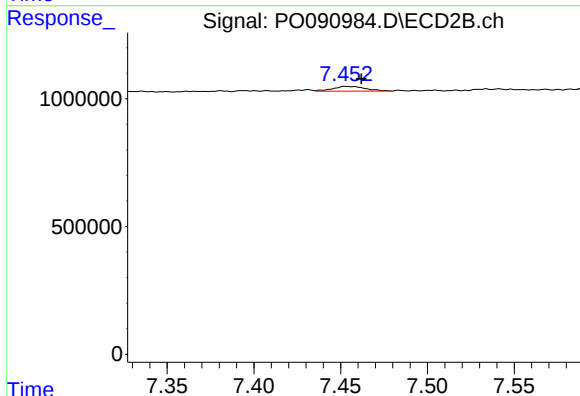
R.T.: 7.453 min
Delta R.T.: 0.056 min
Response: 245766
Conc: 1.65 ng/ml



#42 AR-1268-2

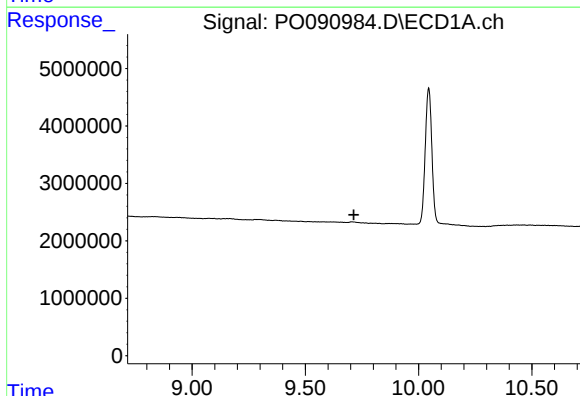
R.T.: 0.000 min
Exp R.T.: 8.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SAY1-SILICA-1201



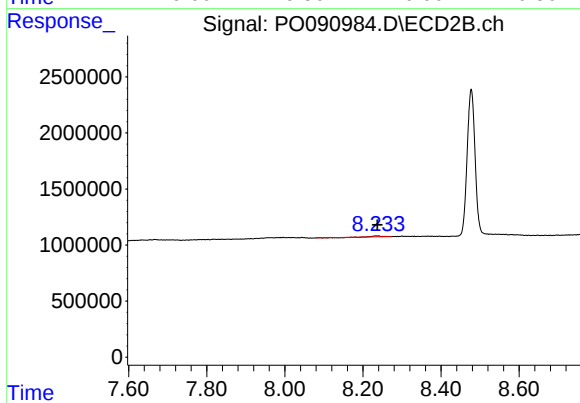
#42 AR-1268-2

R.T.: 7.453 min
Delta R.T.: -0.009 min
Response: 245766
Conc: 1.83 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.714 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 115836
Conc: 0.34 ng/ml